



# Tennessee Crop Weather

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In Cooperation with Tennessee Department of Agriculture

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Week Ending July 6, 2008

## DRY START TO SECOND HALF OF YEAR

Dry weather conditions were the story across the State last week. Despite scattered showers and thunderstorms, crops need a good soaking rain. Cotton excelled in the typical summertime weather as development doubled from the previous week. Additionally, nearly 80 percent of the crop was rated in mostly good-to-excellent condition. Soybean development continued to lag behind last year and the 5-year average, with just under a quarter of the acreage blooming. Corn made excellent progress compared to a week earlier, but was still a week behind the normal pace. Tobacco transplanting was virtually completed last week. Hay was rated in mostly fair-to-good condition, with cattle rated similarly. Other field activities last week included scouting crops, herbicide applications in soybeans, wheat harvesting, and hay cutting.

There were seven days considered suitable for fieldwork last week. As of Friday, topsoil moisture levels were rated 19 percent very short, 42 percent short, and 39 percent adequate. Subsoil moisture levels were rated 18 percent very short, 39 percent short, 42 percent adequate, and 1 percent surplus. Temperatures across the State last week averaged near to slightly below normal. Precipitation averaged slightly below to below average last week.

CROP PROGRESS					CONDITION					
Crop	This Week	Last Week	2007	Five Year Avg.	Item	Very Poor	Poor	Fair	Good	Excellent
Percent					Percent					
Corn – Silking	61	29	83	80	Cattle	1	6	36	47	10
Cotton – Squaring	68	34	92	86	Corn	1	6	24	50	19
Soybeans – Planted	98	93	100	98	Cotton	0	3	19	67	11
Soybeans – Emerged	86	79	97	93	Hay	4	12	37	40	7
Soybeans – Blooming	23	n/a	31	28	Pastures	5	19	39	33	4
Winter Wheat – Harvested	99	92	100	97	Soybeans	1	6	23	55	15
					Tobacco	1	3	28	59	9

n/a = not available

### County Agent Comments

*“At this point, rainfall is becoming somewhat critical. We simply missed some expected rains over the weekend. Corn is beginning to show stress signs of twisting and is in need of rain, as well as all other crops. Pastures are in good condition at this time but, due to lack of rains, growth is slowing. All other cropping situations are normal for this time of year. Farmers are scouting crops and making essential applications of fungicides and insecticides. Small acreages of beans lack being planted behind wheat.”*

**J C Dupree Jr., Lauderdale County**

*“We missed the forecasted rain last weekend that could have set the stage for an excellent crop. Corn is suffering the most and some soybeans will need moisture before they can emerge. Cotton is beginning to bloom in limited fields.”*

**Tracey Sullivan, Haywood County**

*“The corn crop has really suffered this past week. Dry winds have hit just as most corn is tasseling.”*

**John Bartee, Montgomery County**

*“1 1/2 to 2 1/2 in. of rain received this week. This helped green up some fields and improved corn outlook. Some second cutting hay starting, especially Johnson grass fields. Plenty of spring hay is cut, rolled, and in the field, with people trying to sell.”*

**Scott Chadwell, Putnam County**

*“We had very little rainfall during the week. We are as much as eight inches below in part of the county. We are overall 4-6 inches behind for the entire area.”*

**Neal Denton, Knox County**

TEMPERATURES AND PRECIPITATION  
For week ending: July 6, 2008 (with comparisons)

LOCATION	TEMPERATURE				PRECIPITATION					
	Week Ending July 6, 2008				Current Week 07/06/08	Rain Days	Current Since January 1	Departure From Normal January 1	Current Since April 1	Departure From Normal April 1
	HI	LO	AVG	DFN						
Ames_Plantation	91	55	74	-5	2.00	1	37.82	8.81	22.14	7.08
Tri-City_RGNL_A	87	50	70	-4	1.26	4	17.80	-4.22	6.88	-4.66
Brownsville_TN	90	59	76	-4	0.02	1	33.32	4.31	17.07	2.02
Chattanooga/Lov	93	57	76	-3	0.46	2	22.54	-6.44	8.40	-4.68
Clarksville_Sew	91	59	76	-3	0.04	1	28.23	1.01	15.10	1.70
Cookeville	88	54	72	-4	1.53	3	25.70	-4.70	12.78	-2.42
Covington	90	63	76	-4	0.13	1	33.43	4.69	17.77	2.89
Crossville_AP	85	56	71	-2	0.80	3	26.83	-3.34	13.66	-1.31
Dayton	92	56	74	-3	0.18	1	22.09	-8.29	9.79	-4.39
Dickson_AG	87	53	73	-6	0.10	1	30.54	1.16	15.62	0.42
Dover_1W	89	57	75	-3	0.00	0	32.93	4.63	15.57	1.34
Dyersburg	93	57	76	-5	0.02	1	24.53	-2.71	10.99	-3.27
Erwin_1W	85	51	69	-4	1.21	4	18.99	-7.09	9.20	-5.23
Huntingdon_Wate	91	57	75	-4	0.00	0	33.15	4.61	16.55	1.93
Jackson_Exp_Stn	90	57	76	-4	0.05	1	36.63	7.72	17.91	2.43
Kingston_AG	92	54	74	-1	1.25	4	23.87	-7.52	11.01	-4.13
Knoxville_AP	93	55	75	-1	0.18	4	21.67	-4.53	9.45	-3.29
Lewisburg	92	52	73	-3	0.51	2	25.24	-4.63	13.44	-1.69
Lexington_TN	89	56	74	-5	0.51	3	39.01	11.36	21.65	7.35
Linden	90	54	73	-4	0.50	3	35.99	5.42	18.90	3.49
Martin	89	58	76	-3	0.37	3	32.53	4.02	14.69	-0.41
Mc_Minnville_Tn	89	57	75	-2	0.41	2	20.50	-8.74	10.41	-4.24
Memphis_AG	93	61	77	-6	0.36	2	38.99	10.65	21.69	7.02
Milan	91	54	75	-4	0.00	0	37.77	8.24	20.62	4.88
Murfreesboro_5N	90	54	73	-5	0.08	2	25.53	-3.01	13.38	-1.22
Nashville_Metro	89	60	76	-3	0.25	1	28.30	2.36	15.48	1.93
Newcomb	87	50	70	-3	2.11	3	21.51	-7.79	10.98	-4.30
Oneida	87	52	71	-2	1.55	5	16.73	-12.57	11.00	-4.28
Portland_TN	88	60	74	-3	0.74	2	29.56	1.23	15.25	0.38
Pulaski_Water_P	89	54	72	-7	0.12	2	29.58	-0.46	15.51	1.04
Savannah_6SW	92	55	76	-4	0.00	0	35.39	3.68	18.34	2.27
Sparta_TN	89	53	74	-2	0.15	2	26.98	-2.57	14.96	0.13
Springfield	89	57	75	-2	0.41	1	29.18	2.01	15.72	1.58
Springhill	89	55	73	-4	0.11	1	26.45	-3.69	14.82	-0.53
Union_City	88	59	74	-5	0.00	0	30.29	2.02	14.09	-0.83
Waynesboro_TN	91	55	74	-3	0.46	3	31.62	0.04	17.42	1.80

DFN = Departure From Normal (Using 1961-90 Normals Period). Rain Days = Days with precip of 0.01 inch or more during the week. Precipitation (rain or melted snow/ice) in inches.  
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